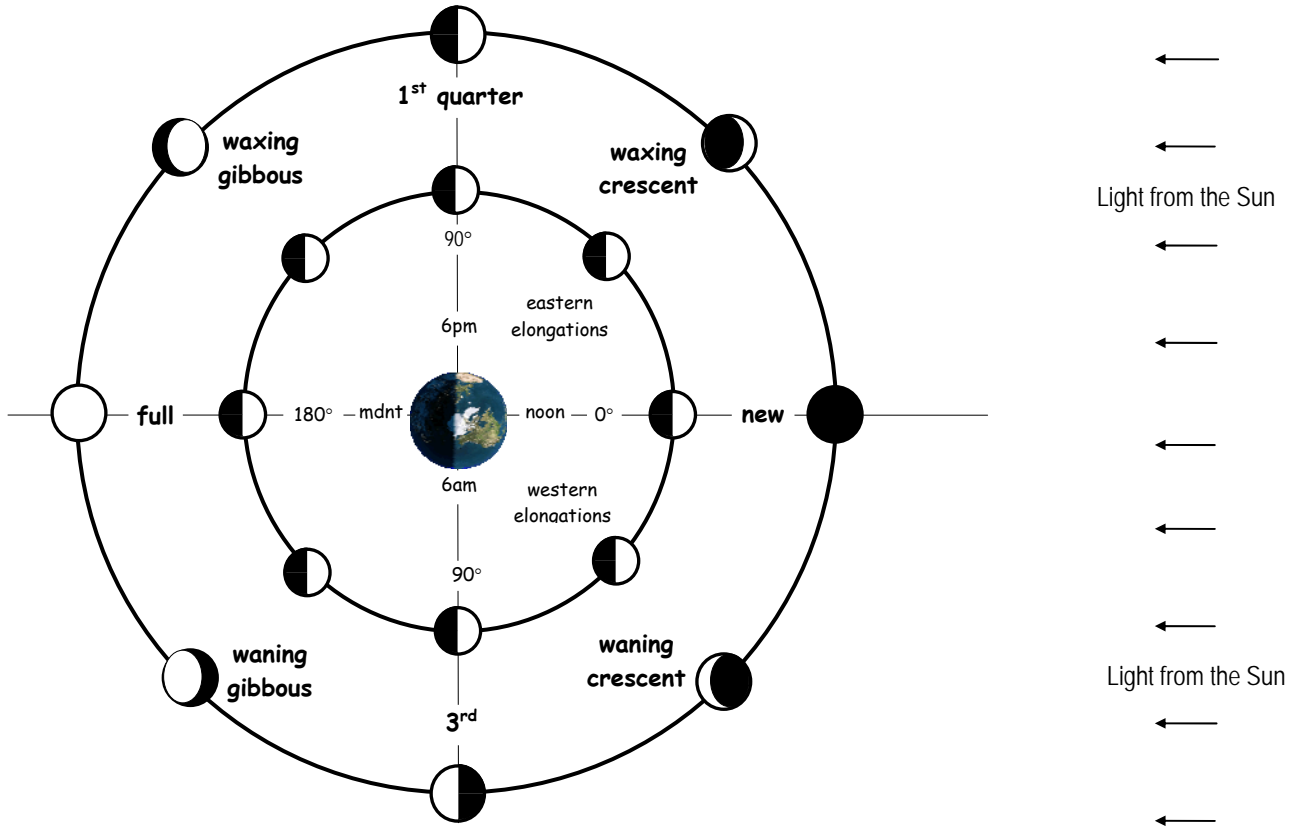


PHASES OF THE MOON

THE PHASE DIAGRAM

The inner circle shows the moon in its orbit, the outer circle shows how each phase appears as seen from the Earth



Complete the following table for the phases of the moon, assuming a 12-hour "moon day"

PHASE	ELONGATION	RISING TIME	TRANSIT TIME*	SETTING TIME
				Midnight
	~135° W		3 am	
New				
	~45° W			
		MIDNIGHT		
Waxing Gibbous				
				6 am
		9 am		

*The "transit time" is the time when the object is on the observer's meridian